PCT09

RAW SEQUENCE LISTING DATE: 11/01/2001
PATENT APPLICATION: US/09/762,648 TIME: 09:53:54

Input Set : A:\Hu31p001.app
Output Set: N:\CRF3\11012001\I762648.raw

SEQUENCE LISTING

(1) GENERAL INFORMATION:

(i) APPLICANT: Jarrell Ph.D., Kevin A.
Saha Ph.D., Shamol
Ptashne Ph.D., Mark

(ii) TITLE OF INVENTION: NOVEL TRANSCRIPTIONAL REGULATORS AND USES THEREFOR

(iii) NUMBER OF SEQUENCES: 26

(iv) CORRESPONDENCE ADDRESS:
(A) ADDRESSEE: Choate, Hall & Stewart
(B) STREET: 53 State Street
(C) CITY: Boston
(D) STATE: MA
(E) COUNTRY: USA
(F) ZIP: 02109

ENTERED

(v) COMPUTER READABLE FORM:
(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.30

(vi) CURRENT APPLICATION DATA:
C--> **(A) APPLICATION NUMBER: US/09/762,648**
C--> **(B) FILING DATE: 26-Aug-1998**
(C) CLASSIFICATION:

(viii) ATTORNEY/AGENT INFORMATION:
(A) NAME: Jarrell Ph.D., Brenda H.
(B) REGISTRATION NUMBER: 39,223
(C) REFERENCE/DOCKET NUMBER: 0347941-0031

(ix) TELECOMMUNICATION INFORMATION:
(A) TELEPHONE: (617) 248 5000
(B) TELEFAX: (617) 248 4000

(2) INFORMATION FOR SEQ ID NO: 1:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 140 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: other nucleic acid

(vii) IMMEDIATE SOURCE:
(B) CLONE: Oligo 2, used to produce R10 library

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

CTCTGGGAGC TGCGATTGGC AGAATTCCGG CTAGAACTAG TGGATCCCCC GGGCGAGGCT 60

TATCCNNNNN NNNNNGGATG TGCTGACCCC GGGCAGCTTG CATGCCTGCA GGTCGACTCT 120

AGAAAACATG AGGATCACCC 140

(2) INFORMATION FOR SEQ ID NO: 2:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 20 base pairs

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72 (B) TYPE: nucleic acid
73 (C) STRANDEDNESS: single
74 (D) TOPOLOGY: linear
76 (ii) MOLECULE TYPE: other nucleic acid
79 (vii) IMMEDIATE SOURCE:
80 (B) CLONE: Oligo 1, used to create R10 library
84 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
86 CTCTGGGAGC TGCGATTGGC 20
88 (2) INFORMATION FOR SEQ ID NO: 3:
90 (i) SEQUENCE CHARACTERISTICS:
91 (A) LENGTH: 20 base pairs
92 (B) TYPE: nucleic acid
93 (C) STRANDEDNESS: single
94 (D) TOPOLOGY: linear
96 (ii) MOLECULE TYPE: other nucleic acid
99 (vii) IMMEDIATE SOURCE:
100 (B) CLONE: Oligo 3 used to create R10 library
104 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
106 GGGTGATCCT CATGTTTTCT 20
108 (2) INFORMATION FOR SEQ ID NO: 4:
110 (i) SEQUENCE CHARACTERISTICS:
111 (A) LENGTH: 10 base pairs
112 (B) TYPE: nucleic acid
113 (C) STRANDEDNESS: single
114 (D) TOPOLOGY: unknown
116 (ii) MOLECULE TYPE: other nucleic acid
119 (vii) IMMEDIATE SOURCE:
120 (B) CLONE: Riboactivator consensus
124 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
126 UGCDGGHNMD 10
128 (2) INFORMATION FOR SEQ ID NO: 5:
130 (i) SEQUENCE CHARACTERISTICS:
131 (A) LENGTH: 10 base pairs
132 (B) TYPE: nucleic acid
133 (C) STRANDEDNESS: single
134 (D) TOPOLOGY: linear
136 (ii) MOLECULE TYPE: other nucleic acid
139 (vii) IMMEDIATE SOURCE:
140 (B) CLONE: Riboactivator 1 sequence
144 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
146 UGCGGGUACG 10
148 (2) INFORMATION FOR SEQ ID NO: 6:
150 (i) SEQUENCE CHARACTERISTICS:
151 (A) LENGTH: 10 base pairs
152 (B) TYPE: nucleic acid
153 (C) STRANDEDNESS: single
154 (D) TOPOLOGY: linear
156 (ii) MOLECULE TYPE: other nucleic acid
159 (vii) IMMEDIATE SOURCE:

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(B) CLONE: Riboactivator number 2 sequence
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
UUGCUGGCGA 10
(2) INFORMATION FOR SEQ ID NO: 7:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 10 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULE TYPE: other nucleic acid
(vii) IMMEDIATE SOURCE:
(B) CLONE: Riboactivator 3 sequence
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
UGCGGGUCAU 10
(2) INFORMATION FOR SEQ ID NO: 8:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 10 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULE TYPE: other nucleic acid
(vii) IMMEDIATE SOURCE:
(B) CLONE: Riboactivator 4 sequence
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
UGCGGGUUCG 10
(2) INFORMATION FOR SEQ ID NO: 9:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 10 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULE TYPE: other nucleic acid
(vii) IMMEDIATE SOURCE:
(B) CLONE: Ribactivator 5 sequence
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
UGCGGGAUCA 10
(2) INFORMATION FOR SEQ ID NO: 10:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 10 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULE TYPE: other nucleic acid
(vii) IMMEDIATE SOURCE:
(B) CLONE: Riboactivator 6 sequence
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
UGCAGGUUCG 10
(2) INFORMATION FOR SEQ ID NO: 11:
(i) SEQUENCE CHARACTERISTICS:

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(A) LENGTH: 10 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULE TYPE: other nucleic acid
(vii) IMMEDIATE SOURCE:
(B) CLONE: Riboactivator 7 sequence
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
UGCUGGAUCA 10
(2) INFORMATION FOR SEQ ID NO: 12:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 10 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULE TYPE: other nucleic acid
(vii) IMMEDIATE SOURCE:
(B) CLONE: Riboactivator 8 sequence
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
UUGCUGGCGA 10
(2) INFORMATION FOR SEQ ID NO: 13:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 10 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULE TYPE: other nucleic acid
(vii) IMMEDIATE SOURCE:
(A) LIBRARY: Non-riboactivator 3 sequence
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
CACGGTAAGT 10
(2) INFORMATION FOR SEQ ID NO: 14:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 10 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULE TYPE: other nucleic acid
(vii) IMMEDIATE SOURCE:
(B) CLONE: Non-riboactivator 6 sequence
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
CAAAGACAGG 10
(2) INFORMATION FOR SEQ ID NO: 15:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 10 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULE TYPE: other nucleic acid

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(vii) IMMEDIATE SOURCE:
(B) CLONE: Non-riboactivator 8 sequence
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:
GGCTGGTGGT 10
(2) INFORMATION FOR SEQ ID NO: 16:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 9 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULE TYPE: other nucleic acid
(vii) IMMEDIATE SOURCE:
(B) CLONE: Non-riboactivator 10 sequence
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:
GTAGAGCGA 9
(2) INFORMATION FOR SEQ ID NO: 17:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 140 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULE TYPE: other nucleic acid
(vii) IMMEDIATE SOURCE:
(B) CLONE: R40 oligonucleotide
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:
CTCTGGGAGC TGCGATTGGC AGAATTCCGG CTAGAACTAG TGGATCCCCC NNNNNNNNNN 60
NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN GGGCAGCTTG CATGCCTGCA GGTCGACTCT 120
AGAAAACATG AGGATCACCC 140
(2) INFORMATION FOR SEQ ID NO: 18:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 40 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULE TYPE: other nucleic acid
(vii) IMMEDIATE SOURCE:
(B) CLONE: Keene-1 oligonucleotide
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:
CCGGGCGAGG CTTATCCTGG TGGAGCAGGA TGTGCTGACC 40
(2) INFORMATION FOR SEQ ID NO: 19:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 40 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULE TYPE: other nucleic acid
(vii) IMMEDIATE SOURCE:
(B) CLONE: Keene-2 oligonucleotide
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 19:

VERIFICATION SUMMARY DATE: 11/01/2001
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L:30 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:31 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]